

L3 ANSWER 74 OF 81 CAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 1970:31791 CAPLUS  
 DOCUMENT NUMBER: 72:31791  
 TITLE: Antiinflammatory benzimidazole derivatives  
 INVENTOR(S): Rohrbach, Philippe; Blum, Jean  
 PATENT ASSIGNEE(S): Manufactures J. R. Bottu  
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 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 1561049	-----	19690321	FR	19680507
PRIORITY APPLN. INFO.:			GB	19670510
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OTHER SOURCE(S): MARPAT 72:31791

GI For diagram(s), see printed CA Issue.

AB Benzimidazoles I, useful as antiinflammatory, antitoxic, and analgesic agents are prepared by treating substituted N-phenyl-o-phenylenediamine with a substituted BzH, followed by oxidizing the intermediate product. Thus, a mixture of 10.5 g N-(4-methoxyphenyl)-o-phenylenediamine and 6.5 g pMeOC<sub>6</sub>H<sub>4</sub>CHO in 40 ml MeOH was refluxed 1 hr and cooled to give 6 3% N-(p-methoxyphenyl)-N'-(4-methoxybenzylidene)-o-phenylenediamine (II), m. 122°. II (10.5 g) was heated in 11 ml PhNO<sub>2</sub> 15 min to give 90% 1,2-bis(p-methoxyphenyl)-benzimidazole, m. 151° (EtOH). The I prepared are tabulated.

IT 24784-18-7P

RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of)

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CN Phenol, p-[1-(p-methoxyphenyl)-5-(trifluoromethyl)-2-benzimidazolyl]-  
 (8CI) (CA INDEX NAME)

